

To: Werner, Lora[Werner.Lora@epa.gov]; Kelly, Jack (R3 Phila.)(Kelly.Jack@epa.gov); Linden, melissa[linden.melissa@epa.gov]; Markiewicz, Karl[Markiewicz.Karl@epa.gov]; Helverson, Robert[Helverson.Robert@epa.gov]; Matlock, Dennis[Matlock.Dennis@epa.gov]; Casillas, Laura[Casillas.Laura@epa.gov]; Burns, Francis[Burns.Fran@epa.gov]; Wright, Dave[Wright.Dave@epa.gov]; binetti, victoria[binetti.victoria@epa.gov]; Wisniewski, Patti-Kay[Wisniewski.Patti-Kay@epa.gov]; Lueckenhoff, Dominique[Lueckenhoff.Dominique@epa.gov]
From: Cseh, Larry (ATSDR/DTHHS/OD)
Sent: Mon 1/13/2014 11:56:41 AM
Subject: RE: WV American Water System Review of data set 1/12/14 (ATSDR)

I think she mean water not Walt. Walt Ivey is our POC with WV DOH.

CAPT Larry F. Cseh, R.S., MSA

US Public Health Service

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From: Werner, Lora S. (CDC epa.gov)
Sent: Monday, January 13, 2014 6:55 AM
To: Kelly, Jack (R3 Phila.); Linden, melissa; Markiewicz, Karl (EPA) (CDC epa.gov); Helverson, Robert (CDC epa.gov); Matlock, Dennis; Casillas, Laura; Burns, Francis; Wright, Dave; binetti, victoria; Wisniewski, Patti-Kay; Lueckenhoff, Dominique
Cc: Cseh, Larry (ATSDR/DTHHS/OD)

Subject: Fw: WV American Water System Review of data set 1/12/14 (ATSDR)

Fyi, a summary from Larry/ATSDR ERS for the Walt from last night.
Lora

From: Cseh, Larry (ATSDR/DTHHS/OD) <loc3@cdc.gov>
Sent: Sunday, January 12, 2014 10:49:10 PM
To: Ivey, Walter M (Walter.M.Ivey@wv.gov); EOC Report (CDC)
Cc: Werner, Lora S. (ATSDR/DCHI/EB); Holler, James S. (Jim) (ATSDR/DTHHS/OD); Mainzer, Hugh (CDC/ONDIEH/NCEH); Murray, Ed (ATSDR/DTHHS/OD); Deitchman, Scott (CDC/ONDIEH/NCEH)
Subject: WV American Water System Review of data set 1/12/14

Walter,

ATSDR has reviewed the sampling results provided and the sampling conducted from West Virginia American Water system. The intake readings range between a intake high of 3.35 ppm (1/10/14 12:30) to ND levels. The out flow readings ranged between a high of 3.12 ppm (Jan 03:00) to 0.0 ppm. **For the period of January 11, 2014, 09:02 to January 12, 2014, 06:00; none of the readings have for intake or out put water have exceeded the screening level.**

The three elevated reading from the intake 3.35 ppm (1/10/14 12:30), 2.2 ppm (1/10/14 07:50), 3.17ppm (1/11/14 05:00) could be because the contaminant was still entering the Elk River. The out take sample of 3.21 ppm (Jan 03:00) exceeded its intake level of 1.05 ppm, could be because of filter overload.

The samples collected from the four hospitals on January 12th were below the screening level.

The 22 various location samples reported had one sample id 168 that had a 1.39 ppm (1/11/14 20:33) that was resampled at 22:12 and dropped to 0.7 below the screening level. **All other samples were at or below the screening level.**

From the start of the event, we knew that the odor threshold of MCHM is below 1 ppm. ATSDR continues to recommend that the operator and residents be instructed on flushing their lines, until the odor is no longer observed. We also recommend that residents be give instructions on cleaning ice makers, refrigerator water dispensers, drain and flush hot water heaters and replacing water filters to remove any residuals that maybe present. Sampling the distribution system could help narrow down areas that may need special emphasis on public health education.

We do not anticipate any adverse health effects from those levels below 1 ppm. ATSDR is willing to continue to support you with data review and consultation as you need.

CAPT Larry F. Cseh, R.S., MSA

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From: Ivey, Walter M [<mailto:Walter.M.Ivey@wv.gov>]
Sent: Sunday, January 12, 2014 9:26 PM
To: Cseh, Larry (ATSDR/DTHHS/OD)
Subject: Test Results

CAPT Cseh,

I have been away from my computer for most of the last couple days. I am attaching some of the most recent results that I have received. We are getting close to releasing part of the system for use. We are waiting on additional test results. I will try and give you a call. Thanks.

Walt Ivey